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| FORM PTO-1390 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 050203-0147 |
| | | U.S. APPLIC. NO. (if known, see 37 CFR 1.5) 10/574546 | |
| INTERNATIONAL APPLICATION NO PCT/JP2004/013306 | INTERNATIONAL FILING DATE September 13, 2004 | PRIORITY DATE CLAIMED October 3, 2003 | |
| TITLE OF INVENTION ENGINE EXHAUST EMISSION CONTROL DEVICE AND EXHAUST EMISSION CONTROL METHOD | | | |
| APPLICANTS FOR DO/EO/US Mitsuhiro NISHINA, Hiroyuki KURITA, Toshikazu KATOU | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | |
| 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | | | |
| 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | |
| 4. <input type="checkbox"/> The US has been elected (Article 31). | | | |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) | | | |
| 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | |
| 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. | | | |
| 8. <input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | |
| 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | |
| 10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | |
| Items 11. to 16. below concern other document(s) or information included: | | | |
| 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | |
| 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | |
| 13. <input type="checkbox"/> A preliminary amendment. | | | |
| 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. | | | |
| 15. <input type="checkbox"/> A substitute specification. | | | |
| 16. <input type="checkbox"/> A power of attorney and/or change of address letter. | | | |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. | | | |
| 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | |
| 19. <input type="checkbox"/> A second copy of the English translation of the International Application under 35 U.S.C. 154(d)(4). | | | |
| 20. <input checked="" type="checkbox"/> Other items or information: | | | |
| International Search Report; and International Published Application No. WO 2005/033483 | | | |

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| U.S. APPLICATION NO. (if known; see 37 CFR 1.50) 107514340 | INTERNATIONAL APPLICATION NO. PCT/JP2004/013306 | ATTORNEY'S DOCKET NUMBER 050203-0147 | | |
| | | CALCULATIONS | | |
| 21. <input checked="" type="checkbox"/> The following fees are submitted: | | | | |
| <input checked="" type="checkbox"/> Basic National Stage Fee | | \$300 \$300.00 | | |
| <input checked="" type="checkbox"/> Examination Fee If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) All other situations | | \$0 \$200 \$200.00 | | |
| <input checked="" type="checkbox"/> Search Fee (37CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB All other situations | | \$0 \$100 \$400 \$500 \$400.00 | | |
| TOTAL OF 21, 22 and 23 = | | \$900.00 | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | \$ | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction Thereof (round up to a whole number) | RATE | |
| 36-100 | 0/50= | 0 | X\$250 | \$0.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | \$ | | |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE |
| Total Claims | | 20-20 = | 0 | x \$50.00 \$0.00 |
| Independent Claims | | 5-3 = | 2 | x \$200.00 \$400.00 |
| Multiple dependent claim(s) (if applicable) | | | + \$360.00 | \$360.00 |
| | | TOTAL OF ABOVE CALCULATIONS = | | \$1,660.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | \$ | | |
| | | SUBTOTAL = | | \$1,660.00 |
| Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | + | \$ | |
| | | TOTAL NATIONAL FEE = | | \$1,660.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | + | \$ | |
| | | TOTAL FEES ENCLOSED = | | \$1,660.00 |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>502203</u> in the amount of <u>\$1,660.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>502203</u>. A duplicate copy of this sheet is enclosed.</p> | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | |
| SEND ALL CORRESPONDENCE TO: | | <i>Andrew D. Mickelsen</i> | | |
| Customer Number 31824 | | SIGNATURE | | |
| Telephone: 949.851.0633 | | Andrew D. Mickelsen | | |
| Facsimile: 949.851.9348 | | NAME | | |
| | | 50,957 | | |
| | | REGISTRATION NUMBER | | |

10/574346

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U.S. NATIONAL STAGE APPLICATION FOR
**ENGINE EXHAUST EMISSION CONTROL DEVICE AND EXHAUST
EMISSION CONTROL METHOD**

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